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DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Y1. NATIONAL PARK

FILE COPY

FILE No. 143

MONTHLY REPORT

FOR

AUGUST, 1923.

(AUGUST - 1923)

September 8, 1923

Dear Sir:

The following is my report on conditions in the Yellowstone National Park, and on the operation of the park for the month of August, 1923.

#### I. GENERAL CONDITIONS

General conditions in Yellowstone Park during the month of August were about the same as those prevailing during July. More rain made possible improvement of the roads and at the end of the month of August the road system was probably in better condition than at any time since the first week in July. There was a shortage of labor during the month and many of the road crews were short-handed. Deliveries of supplies and materials were slow, and as reported last month, it has been quite impossible to obtain deliveries of plumbing material and supplies and therefore certain developments in the automobile camps were delayed, particularly the construction of the laundry units.

Travel continued extremely heavy, amounting to 52,718 visitors for the month as compared with 38,097 last year, a gain of 14,621. Among these visitors were a great number of distinguished men and women including several U. S. Senators and Congressmen, the Governors of the States of Wyoming and Idaho, and prominent people in railroad, banking, manufacturing and other business activities from all sections of the country.

Service by all of the utilities and by the stores continued good with the exception of the Transportation line, which nearly broke down under the unprecedented travel. Nearly one hundred outside cars had to be hired for service and the brand of service given by these cars was very poor.



The drivers did not know the park nor did they make any attempt to learn facts regarding the Yellowstone. Because of their lack of knowledge of and interest in the park the drivers of these outside cars were dubbed "dumb bells", a term likely to become a permanent part of the Yellowstone vernacular. I shall have more to say about these "dumb bell" drivers in a special report. The Transportation Company managed, however, to care for all of its guests and the public realizing that we were faced with the necessity for moving unprecedented crowds made the best of the situation in cases where the hired cars had to be used. On several days it was necessary for the company to move from one point to another over 3600 people. On one or two occasions more than 4000 were transferred in a day.

### Weather

The monthly Meteorological Summary furnished by the United States Weather Bureau for August is attached to this report. The following weather records are quoted from the same source, furnished by the local Observer:

Temperature: Monthly mean,  $53.2^{\circ}$ , is  $2.7^{\circ}$  below normal, and the coolest August of the past five years. The temperature was generally below normal throughout the month. However, the maximum temperatures were relatively high from the 10th to the 13th inclusive. The highest being  $88^{\circ}$ , which equals the highest of record for August in the past 20 years.

Precipitation: Total, 1.70 inch, is 0.32 inch below normal. Fair weather was the rule until the 19th, when showers and thunderstorms set in and continued until the end of the month.

Snowfall: None.

Wind: Average hourly velocity 5.9 miles, which is, with one exception, the lightest wind movement for August since the beginning of the record in 1904. Maximum velocity, 34 miles from the south on the 9th.

Sunshine: Percentage of possible 65; normal 71.

### Travel

Travel for the season to August 31st, inclusive, totalled 126,011, over one thousand more than pre-season estimates for the entire season.



The South Entrance shows the greatest proportionate increase in travel over 1922. Approximately two and one-half times as many cars and passengers have entered by this entrance compared with last year. The greater part of this is due, however, to floods which damaged approach roads from Cody and diverted normal East Entrance travel to the South. Nevertheless, all entrances show a substantial increase. To date travel has been approximately 40% in excess of 1923.

Detailed summaries of park travel are attached hereto.

## II. PERSONNEL

On August 1st there were 107 appointees on the payrolls and on August 31st there were 105. The following list shows the number of appointees of various classes serving during the month, with a general statement of the kind of work in which they were engaged:

<u>No.</u>	<u>Class</u>	<u>Kind of work performed</u>
1	Superintendent	General administration and supervision of all activities in the park.
1	Asst. Supt.	Administration, purchasing, disbursing.
2	Asst. Engineers	1 in charge of engineering work in park, 1 assisting.
7	Clerks	1 Financial Clerk; 1 Cost Accounting Clerk; 1 Personnel, and File Clerk; 1 Clerk on orders, proposals and vouchers; 1 Time and Payroll Clerk; 2 Stenographer-Typists on stenographic work for superintendent.
3	Electricians	Operated power plant regular shift, including Sundays, read meters, did necessary line work.
3	Foremen	1 in charge of headquarters corral and work on lawns; two on roads and construction work; one on wagons and sprinkling system.



1	Telegrapher	Sent and received all Government Western Union messages, operated one shift on telephone switchboard.
2	Telephone Switchboard Operators	Operated telephone switchboard daily shifts, including Sunday. (One under temporary appointment).
1	Master Mechanic	In charge of shops and of repair to heavy road machinery.
1	Blacksmith	General blacksmith work, including shoeing of horses in shop, overhauling and repairing tools and equipment.
1	Master Painter	General shop work including painting equipment and buildings.
5	Laborers	Teaming, freighting, assisting mechanics and miscellaneous work at headquarters.
1	Steward & Master of Transportation	In charge of all transportation and of storehouses.
2	<i>Asst.</i> <del>Chief</del> Buffalo Keepers	In charge of hay ranch operations at Slough Creek; 1 assisting Buffalo Keeper
1	<i>Asst.</i> Chief Buffalo Keeper	In charge of tame buffalo herd.
1	Buffalo Herder	Assisting Buffalo Keeper.
1	Master Plumber	In charge of general plumbing and water and sewer systems.
1	Auto Mechanic	On duty in power plant.
1	Machinist	Repairing equipment.
1	Carpenter	Repairing buildings at headquarters.
1	Chief Park Ranger	In charge of ranger force
1	1st Asst. Chief Park Ranger	In charge of Northern District.



2	Assts. Chief Park Ranger	1 on duty at Lake District; 1 in charge Chief Ranger's Office.
9	Park Rangers	Patrolling, handling tourist traffic, protecting game, policing up stations, repairing trails and bridges, fire lookout work, and miscellaneous duties.
43	Temporary Park Rangers	Patrolling, handling tourist traffic, building trails, fire lookout, lecture guide, information, on duty in Chief Ranger's office, miscellaneous duties. (Services terminated: 1 on Aug. 20; one on Aug. 25; 5 on Aug. 31st, 1923).
11	WAS Park Rangers	In charge of stations, patrolling, motorcycle, miscellaneous duties.

#### Leaves of Absence

Harry Trischman, First Asst. Chief Park Ranger, Sick Leave, 15 days August 3rd to August 17th, both dates inclusive.

#### Appointments

Will Simonsen, Buffalo Herder, \$1200 per annum, plus increase of compensation, and quarters, entered on duty Aug. 1, 1923.

#### Terminations

Frank Thone, Temporary Park Ranger (Naturalist) \$120 per month, plus increase of compensation, and quarters, effective close of August 20, 1923.

William M. Kocher, Temporary Park Ranger, \$60 per month, plus increase of compensation, and quarters, effective close of August 25, 1923.

Hilton S. Angier, Temporary Park Ranger, \$80 per month, plus increase of compensation, and quarters, effective close of August 31, 1923.



William L. Alcorn, Temporary Park Ranger, \$100 per month, plus increase of compensation, and quarters, effective close of August 31st, 1923.

William W. King, Jr., Temporary Park Ranger, \$100 per month, plus increase of compensation, and quarters, effective close of August 31st, 1923.

Edward H. Rynearson, Temporary Park Ranger, \$100 per month, plus increase of compensation, and quarters, effective close of August 31, 1923.

Merel S. Sager, Temporary Park Ranger, \$100 per month, plus increase of compensation, and quarters, effective close of August 31, 1923.

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In addition to the regular employees listed above under appointment, the following were employed temporarily by the day:

	<u>August 1st</u>	<u>August 31st</u>
Laborers	88	58
Two-horse teamsters	59	50
Four-horse teamster	33	24
Skilled Laborers	14	18
Foremen	32	24
Special Laborers	16	12
Truck Drivers	14	11
Gradormen	10	9
Blacksmiths	2	3
Plumbers	3	3
Cooks	31	29
Carpenters	6	6
Walters & Waitresses	4	3
Eight-horse teamster	1	1
Linemen	4	6
Axemen	4	4
Caterpillar Operator	1	1
Compressor Operator	1	1
Gravel Loader Operator	1	1
Powdermen	3	4
Bridgemen	3	3
Steam Shovel Operator		1
Air Drillmen	2	2
Painter's Special Helpers	3	3
Painter's Helper	2	



Rough Carpenters	2	1
Irrigators	2	2
Horse Shoer	2	2
Mechanic	1	1
Painters	2	
Hammerman	1	
Six-Horse Teamster	<u>1</u>	<u>1</u>
	343	284
Appointees	<u>107</u>	<u>105</u>
Total	455	389

### III. WORK COMPLETED

#### (b) Maintenance and Repair of Physical Improvements

Sprinkling: Two auto truck sprinklers, two two-horse sprinklers and sixteen four-horse sprinklers were operated during the month, sprinkling 107 miles of the loop road twice daily. A crew of four men made repairs and improvements to the system. Two hundred and fifty feet of flume was installed to supply water to the tank at the upper end of Gibbon Meadows and 50 feet at the tank below Virginia Cascades. At Heron Creek a new 1600 gallon tank was set up and water supplied to it by a hydraulic ram; 250 feet of flume was built to bring water from the creek to the ram. One hundred and fifty feet of new flume was installed to carry water from the north fork of Spring Creek. On the Madison River section several places were found where water could be secured to supply tanks by gravity. Three old abandoned tanks in good condition were salvaged and set up on this section.

General Road Maintenance: All roads in the park, also the Shoshone and Teton Forest roads just outside of the park, were maintained by grading, light gravelling, placing culverts and cleaning ditches. In addition to the team and two men at each of the sprinkling camps, crews of two or three teams and four or five men were stationed on each of the following sections: Mammoth, Dry Creek, Canyon, Dunraven Pass, Tower Falls, Black-tail Deer Creek, Cooke City Road, West Gallatin Road, Virginia Meadows, Turbid Lake, Cub Creek, East Entrance, Goff Creek, Elk Fork, Lewis River and South Forest Road.

The West Gallatin crew was taken off that section August 20th and moved to West Thumb, where they are replacing a log bulkhead which is built along the roadway to protect the embank-



ment against more wash. The bulkhead is 1600 feet long, 500 feet of which was finished by the end of the month.

The crew working in the Teton Forest graded and repaired the road to the Buffalo Fork bridge. One bridge over Pacific Creek, 75 feet long, was rebuilt with new stringers and refloored with 3 inch plank.

(c) Miscellaneous Improvement Work

The Master Painter and his assistants finished painting the Barracks Building; painted the outside of the Commissary Building; painted woodwork on outside of Post Chapel and the Power Plant; repair work on quarters finished; 150 signs painted; roofs of mess buildings painted at Gibbon Meadows, Madison Junction, Excelsior Geyser, Lewis River, Cub Creek, Dunraven Pass and Tower Falls.

The Steward and Master of Transportation supervised the hauling of freight and supplies from Gardiner to Mammoth, and from Mammoth to points in the park. Work of bringing in crews has begun. A new gas tank was installed at the storeroom.

The Master Mechanic and his helpers repaired cars, trucks, motorcycles and general equipment.

The Blacksmiths shod horses, repaired wagons, graders, etc.

The Carpenters built truck racks and remodeled old buildings for use as lumber sheds.

Lawns at headquarters, and Automobile Camp Grounds:

Three boys and one irrigator kept the lawns in splendid condition; one man with a team worked throughout the entire month in the Mammoth automobile camp, and another man with a team during the greater part of the month; one man with team feeding elk the entire month; one man and sprinkler team about headquarters; and one man and team freighting.



The Telephone System and Power Plant were operated in the usual manner. The Power Plant was run constantly with the results shown in comparison for August 1922, as follows:

	<u>1922</u>	<u>1923</u>
Total current generated, in KW hours	27,240	38,770
Of this, sold to public utilities @ 5¢ per KW	6,634.87	16,074
Consumed for street lighting	2,775	1,340
Balance, consumed in Government buildings, for power and lighting, and lost on lines in transit	17,830.63	19,356
Peak load during month in KW	78	124

The new line between the old Soda Butte Ranger Station, now known as the Soda Butte Snowshoe Cabin, and the new Cooke City Ranger Station, 14 miles, has been completed; two lines between Mammoth and an additional circuit made; an additional metallic circuit run from Morris to Canyon; and cedar poles between Fountain and Old Faithful Ranger Station now being set (11 miles).

The Telephone and Switchboard Office was open daily from 6:30 A.M. to 12:00 P.M. (midnight). The total business handled was as follows:

#### Switchboard Calls

On Government local lines .....	14,505
On Hotel Company lines .....	1,650
On Long Distance Connections .....	<u>573</u>
Total	16,735

#### Telegrams

Government Sent .....	170
Commercial Sent .....	<u>225</u>
Total	395

Government received .....	105
Commercial received .....	<u>129</u>
Total	234



### Office Force

The office force was busy with usual routine work which includes orders, payment of vouchers, preparation of accounts, reports, general correspondence, etc. 1583 pieces of official mail were received and 2679 were sent out during the month.

Mr. Noble J. Wilt, of the Washington office, arrived on August 2nd and during the month assisted me in preparing the 1925 budget for the National Park Service. The budget, with justification of increases and schedules of possible reductions was finally completed on August 31st and Mr. Wilt left for Washington the morning of August 31st.

I wish to record here, as I shall also do in a special report, the fact that Mr. Wilt rendered most faithful, efficient and conscientious service. Miss Julia Stockett, of my office, handled all of the typewriting and checking work connected with the preparation of the justifications - a monumental piece of clerical work.

I was absent from the park on official business August 14th and 15th. I left West Yellowstone on the afternoon train of August 14th, went to Green River, Wyoming, and on the morning of the 15th met Director Mather, who was Westbound on the Overland Limited. I rode with him to Ogden and transacted official business with him on the train. At Ogden, I was joined by Passenger Traffic Agent W. S. Basinger and General Passenger Agent D. S. Spencer, of the Union Pacific, and went with them to Salt Lake City where we discussed plans for entertainment of several hundred ticket agents who will visit the park in September. I returned to the park on the Yellowstone Special the night of the 15th.

### (d) Service to the Public

Special services to the public consisted of guide service at Mammoth and Old Faithful and the museum and information office at Mammoth. In addition to this every ranger is expected to give information and assist the public in every possible way. During the month there were 41 requests to deliver telegrams to people whom it was thought were in the park. A total of 8 were delivered and in other cases the people had not entered the park or had already made their exit when the telegrams were received. The most important case concerned Mr. Connor Reise, President of the Kemmerer (Wyoming) Coal Company. He was touring the park at the time of the explosion in the mine at Kemmerer



(Wyoming), in which over a hundred lives were lost. It was found that he had left the park via the southern entrance the same morning the telegram arrived. The message was phoned to Moran and delivered at that point. It was the first news Mr. Reiss had received of the disaster.

In addition to delivering telegrams a total of seven lost articles were returned to their owners. At present, there are four articles on hand with no identification. A total of 9 parties that had become separated were reunited through the efforts of rangers.

In addition to the above services we had a number of requests to locate missing persons and culprits wanted by various police organizations.

Guides conducted a total of 5,531 people over the formations at Mammoth compared with 5,522 last year. These were divided as follows: Hotel visitors 2360; Camps 2305; Special 426. At Old Faithful the total was 12,333 as compared with 11,327 last year. These were divided as follows: Hotel 4,861; Camps 7,436; Special 35.

Below is a detailed statement showing the record of the Information Office at Mammoth:

Article	Number 1922	Price	Number 1923	Price
Haynes	203	152.25	334	243.00
Portfolio	425	425.00	519	519.00
Trees & Flowers			72	54.00
Pronghorn	6	1.50		
Bulletin #611	20	10.00	17	6.50
Bulletin #612	12	6.00	9.	4.50
Western Map AAA	7	7.00	16	12.80
Transcontinental Map AAA	1	2.00		
Glimpses	148	14.80	75	7.50
Geological History	141	14.10	727	72.70
Geyseers	314	31.40	720	72.00
Fossil Forests	218	21.80	340	34.00
Whitebark Elk	6	.90	50	7.50
Fishes	32	4.10	104	5.20
Truthful Lies	79	19.75	53	14.50
Panoramic Map	53	13.25	31	7.75
U.S.C.S. Maps	61	15.25	70	19.50
Foolish Questions			40	20.00
Totals		753.10		1,022.45



A total of 2290 Rules and Regulations were distributed from the Information Office.

#### IV. WORK IN PROGRESS:

##### (a) Construction of Physical Improvements

Canyon Public Automobile Camp: (Water System) - Very little work was done on this project during the month as the failure of materials to arrive made necessary abandoning work for a while. The two 24" sluice gates were placed in the dam and concrete was placed in the remaining 18' section of the dam which was left open for the water to pass through. The two large rams were set up in the pump house and the two eight inch drive pipes each 140 feet long were placed.

Road Camp Buildings: Two log buildings were erected this month for use of the crew on the Lewis River section; they are located 14 1/2 miles south of West Thumb Junction. One building constructed for a kitchen and mess room is 16 x 22 feet and has a 6 foot porch in front. The other is a stable, 16 x 30 feet. It is large enough for six head of stock and has a tin lined bin for oats. The loft will hold about ten tons of baled hay.

Road Improvements: The work of improving the Morris-Madison Junction Road by widening, ditching and gravelling was continued during the month. The section between the Black Crowler in the Morris Geyser Basin and the north end of Elk Park was fully graveled, also the road across Gibbon Meadows. About the middle of the month the camp was moved from Morris to Gibbon Meadows where a pit was found of good surfacing gravel. As the mechanical gravel loader was too slow for a job of this size, the steam shovel was moved from Mammoth to the pit for loading. For hauling the gravel from the pit to the road we are using the caterpillar tractor which hauls six trailers, two 4 yd. gravel trucks and 8 dump wagons.

The air compressor was kept going most of the month on widening and ditch work. The dangerous rock point at Virginia Cascades was blasted off and the roadway there widened about ten feet, increasing the visibility and making it possible for cars to pass with safety. A ditch was blasted out for several hundred feet between the Black Crowler and Minute Man Geyser. In the Canyon between Elk Park and Gibbon Meadows several hundred feet of ditch was blasted out and some rock shot off the sides to



widen the roadway.

Lake Sewerage System: On August 16th Foreman White and his crew began work on the new lake sewerage system, as designed and laid out by the Public Health Service. To build the system requires the construction of a reinforced concrete sedimentation tank, 14 x 42 feet, 18 concrete manholes and the placing of 2972 feet of 8" tile pipe and 2389 feet of 6" pipe. By the end of the month the excavation for the sedimentation tank was finished and 1700 feet of trench dug an average depth of 6 feet.

Trails: Trail work has been handicapped to a great extent due to shortage of labor. It has been necessary to use one of the crews on haying operations, and only one crew of 5 men was available. They spent the entire month improving the trail between Old Faithful and Lake and completing the foot trails around the Canyon. During the latter part of the month the crew was reduced to one man.

New trails constructed ..... 4 miles  
Old trails repaired & rebuilt ..... 35 "

#### Improvements by Park Utilities

##### Yellowstone Park Hotel Company:

Old Faithful: Girls' dormitory and girls' laundry completed.  
Lake: First floor finished.  
Work started on elevator.  
Foundation poured for addition to Lake dining room.  
New engine and new 75 K.W. generator delivered at Lake.  
Preparatory work for installation of lavatories in rear wing of old building started.

Canyon: New roof put on Canyon lounge where burned.

##### Telephone System:

New pole line between Madison Junction and West Yellowstone practically completed.

##### Yellowstone Park Transportation Company

Old Faithful: New twelve room bunk house completed.

Canyon: Work started on new storage garage and repair shop.



Mammoth: Two new 25 passenger busses received from White Company.

#### V. WORK COMPLETED

Walls and Parapets: As the funds appropriated for the construction of log guard rails and walls became exhausted during the month work was discontinued for the season.

The rock retaining wall built along the roadway just south of the Canyon Arch Bridge contains 506 perch of masonry. It is 384 feet long and has an average height of 10 feet.

Altogether for the season there was 2636 lineal feet of log guard rail built as follows: Between the Canyon Arch and Chittenden bridges, 544 feet; from Chittenden bridge toward the Lake 736 feet; on the Artist Point road, 396 feet, and on the Inspiration Point road 960 feet.

#### VIII. COST OF OPERATION:

The cost of operation of Yellowstone National Park will be shown on the Cost Accounting Report for the month of August, which report will be forwarded as soon as compiled.

#### IX. OTHER MATTERS OF INTEREST

##### Wild Animals

Forage is in better condition than it has been for ten years. There has been ample precipitation to keep the grass from burning, and not enough to keep it from seasoning properly. The growth of grass has been exceedingly heavy, even in the lowest elevations of the park. If the approaching winter is at all normal, all game should winter in excellent shape.

Elk: There has been no large drifting among the elk, although the number on the lower mountain slopes has increased somewhat. Figures on the calf crop will not be available until later in the fall. Observations made in various sections of the park show a wide discrepancy as they range from 15% to 35%. As soon as the elk herds come together it will be possible to obtain more accurate data.



Antelope: One antelope made its appearance on the Gardiner flats but the main herd has remained well back in the hills.

Deer: It is expected that during the coming month the deer, as usual, will begin to appear on the parade grounds at headquarters. Several have been seen on the Mammoth formations and near the Snow Pass road.

Moose: Moose have been seen in several sections of the park. Two were seen on the Tower Falls Road by many tourists on the afternoon of August 31st.

Mountain Sheep: Several mountain sheep have been seen in the vicinity of Hall's Roaring. Most of these animals, however, have kept to the highest elevations where forage is available, and are seldom seen by anyone.

Bear: The number of bears showing at the pits at Canyon, Lake and Old Faithful have decreased considerably. This is probably due to the fact that it gets dark earlier, and also that the bears are able to subsist on a berry diet to a great extent at present, and therefore do not visit the dumps as frequently as they did earlier in the season.

Other Animals: Ground squirrels and woodchucks have started to hibernate and but few are seen at this late date.

Observations show many new beaver workings in all sections of the park. The large dam on the Tower Falls road, 5 $\frac{1}{2}$  miles from Mammoth, has been abandoned, the animals themselves having cut and drained the pond. However, they have merely moved down the creek a few hundred yards and started work again.

#### Park Naturalist

The time of the Park Naturalist was occupied as follows:

August 1 to 7, museum and other work at Mammoth.

August 7 to 12, tour of the park.

August 12 to 20, museum and other work at Mammoth.

Museum and Information Office. A collection of photographs taken during the visit of the late President Harding have been framed and hung near the entrance. The enlarged photograph of Howard Eaton has been framed.



Natural History Observations: Signs of fall are in the air. A few of the aspens have already turned yellow, and at the lower levels the flowering season is rapidly drawing to a close. There are some indications of the downward migration of the game animals. On August 11 a buck antelope was observed on the Tower Falls road, near the ten-mile post. This is rather below the usual summer range of the antelope.

Thermal Phenomena: The slump on the face of Jupiter Terrace, noted in an earlier report, has begun to heal. Norris Geyser Basin has not been visited this month. At Upper Geyser Basin an outbreak of geyser activity in the neighborhood of the Grotto occurred early in the month; this is reported under date of August 15. \*

Lecture Service: The lectures at Mammoth and Old Faithful continue satisfactorily.

Special Visitors: On August 6th Dr. A. L. Day was accompanied to Obsidian Cliff and assisted in observations there. He contemplated returning to the park next summer for some extensive work on the geophysics of the region. Mr. John A. M. Stewart, botanist, of the University of Pittsburgh, was assi

Professors were with the conditions they have encountered and the treatment they have received.

The services of the Park Naturalist for the season of 1923 ended on August 20th. The work for the balance of the season has been left in the hands of Park Lecturer Cribbs.

*- Hot Springs*

\*During the first week in August, according to reports by rangers stationed at Upper Basin, one of the two vents associated with the hot pool near Grotto Geyser, formerly called the Indicator, erupted in true geyser fashion at least twice. From all indications about the place, and from the testimony of a tourist who claimed to have been present at one of the eruptions, the active vent was the more northeasterly of the two, that is, the one situated outside the basin of the pool itself. Reports state that the manner of eruption was somewhat like that of the Grand Geyser, that is, in a series of successive jets. The height of eruption varies greatly in the different reports, some stating a height of over one hundred feet, some less than fifty.



### Fish and Fish Planting

Fish planting operations have been in charge of the U. S. Bureau of Fisheries. Detailed figures regarding the plants are not available at this time but probably will be incorporated in the September Monthly Report. Plants the past month have been limited to native trout collected by the hatchery in the park, and returned to the park waters. The plants have been far in excess of any previous record.

Rangers of the park service assisted with some of the more important plants, especially where it was necessary to use pack animals in order to reach the streams. However, in order to avoid confusion, it was agreed that the hatchery officials should keep the records regarding the distribution of fish and furnish the Park Service with a copy. This work will be completed by September 10th.

Fishing in the park has been fair for the amateur, and excellent for the man who "knows how". Records to and including August 31st show that a total of 35,577 were taken from the park streams during the season by private motorists. This, however, does not nearly approach the total actually taken, as it does not include rail tourists or persons residing near the park who make frequent fishing trips.

### Arrests and Violations of Law

There have been but few arrests, and although travel has broken all previous records, there has been less willful breaking of park regulations than at any time in the past.

The following trials were held before United States Commissioner Meldrum during August:

U. S. vs. C. H. McIfren, Yellowstone Park Transportation Company. Car #412. Speeding. Arrested by Park Ranger H. Matthew. Trial August 8th, fined \$15.00 and costs, amounting to \$5.50.

U. S. vs. John E. Roberts and John L. Edwards, Stealing government property. Arrested on August 9th by Assistant Chief Ranger S. T. Egan. Hearing held on August 29th. Bound over to U. S. District Court at Cheyenne. U. S. Marshall took prisoners away on August 31st.

U. S. vs. S. A. Matthews. Speeding. Arrested by Park Ranger H. Matthew. Trial August 11th. Fined \$15.00 and costs, amounting to \$5.50.



U. S. vs. E. M. Jemette. Disorderly conduct. Arrested by Park Ranger F. L. Carter. Trial August 20th. Acquitted.

U. S. vs. W. P. McDonald. Speeding. Arrested by Temporary Park Ranger R. Sprinkel. Tried August 30th. Fined \$15.00 and costs amounting to \$5.50.

In addition to these trials there was a total of 17 reprimands administered by the Chief Ranger's Office for minor infractions of park regulations.

Efforts were made to locate the following persons in order to answer the following charges:

Miss Swanson and Miss Rumberg. Wanted at Mammoth Camp for removing articles in tent occupied by them. No record of these parties.

H. M. Goldard. Wanted for writing name on formation at Old Faithful. No record of this party in park.

L. E. Brant. Wanted for writing name on formation at Old Faithful. Checked out before offense was reported.

Drivers of three cars wanted for leaving bad fires on camp grounds had checked out before offense was reported.

#### Forest and other Fires

There were no forest fires in the park during the month of August.

On the night of August 17th the roof of the lounge of the Canyon Hotel caught fire and only by the most heroic efforts were the flames prevented from spreading to the main building. Some of the best fire fighting work was done by the park rangers of the Canyon Station. The roof of the lounge was nearly destroyed and considerable damage was done to the beautiful Wisconsin Birch finishing on the interior of the building. The floors were also slightly damaged by water. The loss amounted to approximately \$12,000 which was covered by insurance. The Hotel Company promptly began improvement work and at this writing the repair work has been completed to such an extent as to permit full use of the lounge.



### Special Visitors

Gov. C. C. Moore, of Idaho, and other officials of the State (officials named below) entered via West Yellowstone on August 29th and left via Snake River

Hon. F. A. Jeter, Secretary of State.  
Hon. A. M. Conner, Attorney General  
Hon. W. J. Hall, Commissioner of Public Works (Highway Commissioner)  
Mr. R. C. Thomas, State Game Warden  
State Senator Lloyd W. Adams, Owner of Rexburg Standard, Rexburg, Ida.  
Ex-State Senator M. C. Fuller, of Ashton, Idaho  
Mr. R. D. Morrill, of Ashton, Idaho  
Mr. B. H. Neal, Proprietor, Daily Post, Idaho Falls, Idaho  
Mr. Allen Alton, of Lewiston, Idaho  
Mr. Nathan Levine, and son, Edward Levine, of Rexburg, Idaho.  
Mr. Scott, Agent of the Union Pacific at West Yellowstone, and resident of Idaho Falls.

Gov. Wm. B. Ross, of Wyoming, and family, entered via Cody on the 18th and left via southern entrance on the 23rd.

Senator D. V. Fletcher, of Florida, entered via West Yellowstone on August 27th, left via West Yellowstone  
Senator Fletcher visited the Jackson Hole country. He was accompanied by his secretary, Mr. Hill.

U. S. Senator Key Pittman, of Nevada, and Mrs. Pittman, traveling in their own car, entered Gardiner August 3rd and departed by the southern entrance August 8th.

Henry L. Meyers, Ex-U. S. Senator, from Montana, toured the park, entering and leaving via Gardiner, August 29th and 30th. This was Senator Meyers' first trip through Yellowstone Park.

Lee Mantle, Ex-U. S. Senator, of Montana, visited the park, entering via the Gallatin entrance and leaving via West Yellowstone, on August 11th and 12th.

Congressman Robert E. Clancy, of Michigan, entered via Gardiner on August 30th and left via Cody September 4th.

Congressman E. C. Little, who arrived via West Yellowstone on August 29th, left via Gardiner on August 3rd.

Congressman Geo. F. Darrow, of Pennsylvania, with his wife and son, made the regular trip in Gardiner and out Gardiner August 31st-September 4th, inclusive.



Ex-Congressman Benjamin L. Fairchild, of New York, entered West Yellowstone August 15th and left via Gardiner August 20th. He was accompanied by Mrs. Fairchild.

Ex-Congressman Wm. H. Reald, made a tour of the park, coming in and going out via Gardiner, August 4-8, inclusive.

Hon. Thos. Littlepage, of Washington, D. C., with his wife and five children, entered via Gardiner August 19th and left via the same gateway August 21st.

Hon. Jouett Shouse, of Kansas City, Missouri, former Congressman from Kansas and former Assistant Secretary of the Treasury, entered the park July 21st via Gardiner and spent three weeks here. He departed by Cody, August 19th. He was accompanied by his wife and two daughters.

Dr. A. L. Day, Director of the Geophysical Laboratory, Washington, D. C., entered via West Yellowstone August 1st and left via the same gateway August 6th.

W. G. Hoyt, Hydraulic Engineer, Water Resources Branch of the Geological Survey, entered the park via Lander July 31st, and left via West Yellowstone August 2nd.

James Evenden (Entomologist), Bureau of Entomology, entered via Gardiner August 29th and left via the same gateway on the 29th. Mr. Evenden gave his attention to the spruce and Douglas fir infestation in the park.

Rear Admiral Roger Welles, U. S. N., and wife, entered the park via West Yellowstone on August 1st, and left via West Yellowstone August 22nd.

D. B. Hull, Landscape Engineer, entered the park via West Yellowstone August 19th and left via the same gateway September 2nd. Mr. Hull devoted his entire time to landscape matters, both government and public utilitarian.

Don Treslader, Manager of Camp Curry, Yosemite National Park, in via Gardiner August 30th and out the West entrance on the 26th.

Prairie Club, of Chicago, entered via Gardiner on the 7th and left via Cody on August 23rd. The members of this club hiked on the trails of the park.

Wm. C. Gregg, Hackensack, New Jersey, entered via



Gardiner, August 19th. Mr. Gregg is now in the Bechler River country.

Harry B. Clow, President of the Rand McNally Company, Chicago, entered the park via Gardiner on August 30th and left via the same gateway on September 4th. Mr. Clow, with a pack outfit, camped at Sportsmens Lake and on the Lamar River.

Hon. K. Uyebara, Dr. of Forestry, Japan, in Gardiner August 17th, out Cody the 24th. Mr. Uyebara is interested in park development and is visiting all parks with a view to planning a park system for Japan.

Mr. E. J. Symmes, Architect of the Yosemite National Park Company, entered via West Yellowstone August 16th and left on August 30th via Gardiner.

Dr. Henry Van Dyke, who arrived on July 31st visited the Bechler River country by pack train September 12-16, then went to the Jackson Hole. He will return here in early September.

Miss Harlean James, Secretary of the American Civic Association, Washington, D. C., arrived at Gardiner August 2nd and left via the eastern gateway on August 5th.

### Mountain Climbing

The Grand Teton was climbed this year for the first time since 1898. Dr. Albert Ellingwood, of Lake Forest, Illinois, and Miss Eleanor Davis, of Colorado, ascended the mountain on August 27th. Two days before, this ascent three students from the University of Montana - Quinn Blackburn, Andy de Pierro and B. F. Delap, made the ascent. The Grand Teton is 13,747 feet in altitude and was climbed the first time in 1872 by Mr. N. P. Langford, first superintendent of Yellowstone, and Capt. James Stevenson, a geologist, and member of the 1872 Hayden Survey. It was climbed again in 1898 by Rev. F. Spaulding, and Messrs. W. O. Owen, of Wyoming, Frank Peterson and John Shives.

### Memorial Services for President Harding

The news of President Harding's death was received at 8:55 P.M. August 2nd, twenty-five minutes after the death occurred. All amusements in the park were immediately stopped and the next morning flags were placed at half mast throughout the park.



As a matter of service to the public early in the morning of August 3rd bulletins were prepared in the Superintendent's office, giving the very latest news regarding the circumstances of the President's death, the succession of Vice President Coolidge, arrangements for the funeral, etc. These bulletins were telephoned and telegraphed throughout the park so that by the time several thousand visitors had finished their breakfasts in the distant sections of the park news regarding the loss of the President was available for them.

The flags throughout the park in accordance with your instructions were maintained at half mast thirty days.

On August 10th, the day the President was buried at Marion, memorial services were held at Mammoth Hotel and at Camp Roosevelt. The services at Mammoth Hotel were conducted by Mr. H. T. Poindexter, of Kansas City, Missouri, Mr. J. E. Todd, of Columbus, Ohio, formerly associated with Attorney General Daugherty, and the Superintendent of the park, all of whom talked to a great audience of local people and visitors regarding the life of the President and gave personal reminiscences of their contact with him. The President's favorite hymns were rendered by Miss Edith Finney, daughter of the First Assistant Secretary of the Interior, her sister, Mrs. E. T. Scoyen, accompanying her on the piano. Hymns also were sung by the audience. The services were very impressive and much appreciated by all.

At Camp Roosevelt, probably an even more impressive ceremony than the one held at Mammoth was conducted by two rangers, Messrs. W. W. King and Edward Rynearson, one delivering an eulogy on the President and the other conducting religious services. Both of these young men attended college in Ohio and have been for many years devoted admirers of President Harding, and knew a great deal about his life and work. Guests at Camp Roosevelt and campers who attended the ceremonies there were tremendously impressed with the services and many took the trouble to come and tell me what splendid work the two park rangers did in planning and carrying out these memorial exercises.

It will be noted from the circular (Circular No. 31) attached to this report that all traffic ceased for five minutes on the afternoon of the 10th at the time of the funeral services in Marion, bells were tolled, Government offices, including the Post Office, Superintendent's Office and Information Office, and all stores were closed for one hour.



### Sickness and Medical Attention

Dr. J. Hook Wolfe, National Park Service physician, continued his medical service in the park during the month and reports having made 29 professional calls on park people and received 29 office calls.

Dr. E. J. Morrissey, of San Francisco, served as Yellowstone Park Hotel physician until the 20th of August. On the 15th Dr. Howard Fleming arrived to relieve Dr. Morrissey.

### Post Office

The greatly increased business in the Post Office during the months of July and August has demonstrated the fact that the quarters now in use are altogether too small for the demands during the summer, and some provision must be made for more room before the opening of another tourist season.

The new carrier service connecting with ranger stations in the park was in operation throughout the month. Daily trips were made to the ranger stations at Old Faithful, Fountain, and Norris by one carrier, with one exception when his car was out of commission and repairs could not be made in time; and to Canyon and Lake every day except one, when the failure was for the same reason. As a rule, the trips were made on schedule time but deliveries were made occasionally behind schedule on account of motor trouble.

### Religious Services

Church services were held in the Chapel as follows:

By Rev. W. Friend Day, morning and evening August 5, morning August 12th and morning of August 26th.

By Bishop H. H. H. Fox, of Montana, morning and evening of August 19th.

By Rev. Geo. S. Koehler, evenings of August 12th and 26th. Mr. Koehler also held Monday evening services on August 6th and 20th.

Mr. Day's morning service on August 5th, and Mr. Koehler's on the evening of the 6th, were special memorial services for President Harding.



Roman Catholic masses were held in the Chapel by visiting priests as follows:

Aug. 5th	Rev. Robt. Schlinkert	New Ulin Minn.	5:45 A.M.
" 15th	Very Rev. E. G. Fitzgerald, O.P.	Washington, D. C.	5:45
" 15th	do	do	6:15
" 18th	Rev. Leo Pospisil	Casco Slovakia	5:45
" 19th	Rev. W. A. Mullally	St. Louis, Mo.	5:45
" 26th	Rev. J. A. Reheadean	Chicago, Ill.	5:45
" 26th	Rev. Michall Ryan	Macomb, Illinois	5:45

### Circulars

The following circulars were issued during the month of August, and a copy of each is attached to this report:

Bulletin Circular	August 3rd	Re: Death of President Harding
#50	" 8th	Re: Firearms
#51	" 10th	Re: Memorial Services for Pres. Harding
#52	" 28th	Re: Ranger Assignments
#53	" 30th	Re: Courtesy to Travelers

### Motion Picture Permits

Motion Picture permits were granted to the following persons:

Mr. H. H. Briggs, 11605 Hazeldell Avenue, Cleveland, Ohio.  
Mr. C. W. Herbert, Corwin Springs, Montana.

### IX. RECEIPTS AND DISBURSMENTS

Certified check \$3750, dated August 6, 1923,  
drawn by H. W. Child on the National  
Bank of Montana, Helena, Montana, to  
the Director, National Park Service,  
amount ..... 172.10

Certified Check \$3750, dated August 6, 1923,  
drawn by Elizabeth Frieschman on Yegen  
Bros., Bankers, Gardiner, Montana, to  
the Director, N. P. S., amount ..... 16.74



Certified Check #1913, dated August 2, 1923, drawn by Howard H. Hays, on the Northwestern National Bank, Livingston, Montana, to the Director, National Park Service, amount .....	244.75
Certified Check #999, dated August 6, 1923, drawn by H. W. Child on the National Bank of Montana, Helena, Montana, to the Director, National Park Service, amount .....	73.39
Certified Check #3765, dated August 10, 1923, drawn by Elizabeth Trischman on Yegen Bros., Bankers, Gardiner, Montana, to the Director, National Park Service, amount .....	6.86
Certified Check #819, dated August 20, 1923, drawn by J. S. Haynes on Yegen Bros., Bankers, Gardiner, Montana, to the Director, National Park Service, amount .....	44.10
Certified Check #3781, date August 14, 1923, drawn by Elisabeth Trischman, on Yegen Bros., Bankers, Gardiner, Montana, to the Director, National Park Service, amount .....	19.00
Postal Money Order #63367, dated August 20, 1923, drawn by the Postmaster of Yellowstone Park, on the Postmaster at Washington, D. C., amount .....	30.00
Postal Money Order #55050, dated August 8, 1923, drawn by the Postmaster of Yellowstone Park, on the Postmaster at Washington, D. C., amount ... ..	59.15
Total	370.09

Cordially yours,

Horace M. Albright,  
Superintendent.

The Director,  
National Park Service,  
Department of the Interior,  
Washington, D. C.



DEPARTMENT OF THE INTERIOR  
National Park Service  
Yellowstone National Park  
Yellowstone Park, Wyo

August 3, 1923

OFFICIAL BULLETIN

PRESIDENT HARDING'S DEATH

The President died at the Palace Hotel in San Francisco at 7:50 P.M. Pacific Coast Time (8:30 Yellowstone time). He died suddenly of apoplexy. He will be buried in Marion, Ohio, but his body will lie in state in the Capitol at Washington before it is carried to its final resting place. The funeral train will leave San Francisco tonight at 6:00 P.M. going via the Union Pacific through Omaha and Chicago.

Mrs. Harding is bearing up well under her terrible grief but the President's father who was awakened from sleep and told of his son's death collapsed and is under the Doctor's care.

- - -

Vice President Calvin Coolidge was sworn in as President of the United States at 2:57 A.M. this morning at his old home in Vermont, where he was visiting. The Oath of Office was telephoned from Washington and was administered to him by his father, who is a Notary Public.

Horace M. Albright,  
Superintendent.



DEPARTMENT OF THE INTERIOR  
National Park Service  
Yellowstone National Park  
Yellowstone Park Wyo.

August 8, 1923

CIRCULAR NO. 50:

In the future firearms will not be sealed at any point in the park unless they are first unloaded.

In the case of registered guides, or others, going into isolated sections of the park, where an emergency is liable to arise, cartridges may be left in the magazine of the gun, but at no time will a gun be sealed with the load in the firing chamber. All other arms will be completely unloaded before sealing.

Rangers will personally inspect guns before sealing to see that they are unloaded.

Horace M. Albright  
Superintendent.



DEPARTMENT OF THE INTERIOR  
National Park Service  
Yellowstone National Park  
Yellowstone Park, Wyo.

August 10, 1923

CIRCULAR NO. 51

Today at 3:00 P.M., Central time (2:00 P.M. our time), President Harding will be buried at Marion Ohio. The new President has issued a proclamation declaring this day a day of mourning and prayer out of respect to the deceased executive.

In Yellowstone National Park, which President Harding so recently visited, and by his genial personality and kindly interest in the park and all of his people who were residing or visiting here, we all want to do everything in our power to show our respect for this splendid leader who has been so untimely taken from us.

The following instructions with reference to the observance of the President's proclamation are hereby issued for the information and guidance of the Park, its officials, employees and visitors:

1. During the day and evening there will be no dancing, community singing or other entertainment anywhere in the park.
2. No exercises of any kind will be planned or executed unless they take the form of memorial services and music rendered at such services must be solemn patriotic or religious songs or hymns, including "Lead, Kindly Light", the late President's favorite hymn.
3. Promptly at 2:00 P.M. our time (3:00 P.M. at Marion, Ohio), when President Harding is buried, bells will be tolled at all of the principal points of interest in the Park - the Government bell at headquarters and the camp bells at Old Faithful, Lake and Grand Canyon.
4. All offices in the Park, including the Superintendent's office at headquarters, the Post Office, the Information



Office, and all park utility offices, except hotel and transportation desks, will be closed for one hour from 2:00 P.M. to 3:00 P.M. Likewise, all ranger stations in the interior of the park will not transact any business during this period. In the hotels and permanent camps work of answering inquiries by guests and transacting other business will be discontinued for five minutes, beginning at 2:00 P.M.

5. The entrances to the Park will be closed for 15 minutes beginning promptly at 2:00 P.M. and no automobiles or other conveyances will be admitted to the Park during this period.

6. All stores, picture and curio shops, gasoline stations, etc., will close for the one hour period between 2:00 P.M. and 3:00 P.M.

7. All traffic, particularly the cars of the transportation line, will stop on the roads for five minutes, beginning at 2:00 P.M. Officials of the transportation utility will be instructed by rangers in order that the driver of each bus and other vehicle of the line may fully understand and obey the spirit and letter of this circular.

Rangers of the National Park Service will encourage and assist in the preparation for and conduct of any memorial services that it may be practicable to hold in the park tonight. Guests of the park familiar with the late President's life and achievements, and Clergymen capable of conducting religious and memorial services may be available for appropriate services in memory of the great man that is laid to rest today.

Hotel and camp managers and other utility officials are invited and requested to cooperate with the rangers in developing plans for memorial services if it appears practicable at any point of interest to conduct them.

Horace M. Albright,  
Superintendent.



DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE  
YELLOWSTONE NATIONAL PARK

August 28, 1923.

CIRCULAR # 52;

The following is a list of changes in the park ranger force, during the month of September. This includes tentative assignments of permanent rangers to winter stations, and termination of service by members of the temporary force.

NAME AND STATION		RELEASED FROM SERVICE:		TRANSFER TO
	:	SERVICE	:	
<u>MAMMOTH STATION</u>	:		:	
San T. Woodring	:		:	
Harry Trischman	:		:	
Joseph Douglas	:		:	
E.T. Scoyen	:		:	
<u>MAMMOTH STATION</u>	:		:	
R.T. Frazer	:		:	To Crevice September 25th
E.B. Cogswell	:	Sept. 10th	:	
M. Lindsley	:	" 20	:	
M.S. Angier	:	" 1	:	
W.J. Cribbs	:	" 15	:	
N. Bartlett	:	" 5	:	
J.B. Lowry	:	" 10	:	
D. McMurray	:	" 25	:	
G.M. Vandaveer	:	" 5	:	
E. Matthew	:	" 15	:	
F. Mondell	:	" 10	:	
K. McIver	:	" 10	:	
<u>GARDINER STATION:</u>	:		:	
T.C. Pound	:		:	No Change
A.T. McLaughlin	:		:	"
J.C. McCormick	:	Sept 1	:	
<u>MADISON JUNCTION</u>	:		:	
J.C. Rhode	:		:	To <del>Gardiner</del> Bechler River Sept. 20th.
<u>FOUNTAIN:</u>	:		:	
J. Delmar	:		:	To Riverside Sept. 20th
J.W. Delmar	:		:	"
<u>NOBLES:</u>	:		:	
C. Anderson	:		:	To Hellroaring Sept. 30th
H. Marionaux	:	Sept. 25th	:	



NAME AND STATION	RELEASED FROM SERVICE	TRANSFER TO:
<u>OLD FAITHFUL</u>		
F.L. Carter		To Tower Falls Sept 30th.
E.V. Robertson	Sept 15	
Wm. Alcorn	" 1	
J.D. Landsdowne	" 10	
M.S. Sager	" 1	
J. Bryns	" 15	
G.G. Cottier	" 15	
M.Z. Ferguson	" 15	
<u>SNAKE RIVER</u>		
L. Cottrell		No Change
O.B. Lane	Sept 10	
M.T. Swann	" 10	
<u>RIVERSIDE</u>		
R.C. Brown		To Crevice Sept 20
<u>BECHLER RIVER</u>		
A.T. Bicknell		No Change
<u>WEST YELLOWSTONE</u>		
W.N. Purdue		Unassigned
V.S. Lilly	Sept 15	
N.A. Nerison		To Gallatin Sept. 25th.
<u>GALLATIN</u>		
Geo. Winn		No Change
N.P. Currier	Sept 14	
<u>SYLVAN PASS:</u>		
R.R. Wisdom		No Change
K.C. Wahl		To Headquarters Sept. 1st.
R. Hummer	Sept 4	
<u>CANYON</u>		
Lee Webb		Resignation effective Oct. 1st.
C.P. Donohoe	Sept 20	
E.E. Silbrun	" 20	
D.J. Prior	" 15	
T.D. Sledge	" 20	
A. Matthew	" 20	
P.D. Shelton	Sept 20	To Sylvan Pass Sept 1st
<u>TOWER FALLS</u>		
A. Bauman		No Change
W.M. King	Sept 1	
W.D. Rynearson	" 1	



NAME AND STATION	RELEASED FROM SERVICE	TRANSFER TO
<u>LAKE</u>		
E. S. Bowman		No Change
W. S. Keate		No Change
C. B. Grovo	Sept. 10	
P. R. Needham	Sept 15	
R. Sprinkel	" 10	
J. McBride		To Slough Creek Sept. 25th.
<u>SODA BUTTE CABIN</u>		
J. Dupuis		No Change
<u>THUMB STATION</u>		
L. Custer		Resignation effective Oct. 1st.
J. R. Huffman	Sept 10	
<u>Hellroaring</u>		
J. A. Wells		Sept 1st
<u>DUNRAVEN</u>		
T. P. Chittenden	Sept 20	
T. W. Loder	" 20	To Tower Falls Sept 1st.
<u>SODA BUTTE</u>		
F. C. Finch		No Change
E. S. Young	Sept. 15	

All temporary men will be released from service on the dates indicated above. If you are to be released on Sept. 5th, you should arrange to reach headquarters on the night of Sept 5th. The only exception will be those leaving on Sept. 1st, who should reach headquarters on Aug. 31st., as there will no pay drawn for September 1st.

All temporary men will be required to report at the Chief Ranger's Office at headquarters before leaving the park.

As stated in the letters informing you of your appointment last spring, transportation is furnished to the North Entrance only. Rangers leaving by other entrances, will have to find their own means of transportation.

HORACE M. ALBRIGHT.  
Superintendent



Department of the Interior  
National Park Service  
Yellowstone National Park  
Yellowstone Park, Wyoming

August 30, 1923.

CIRCULAR NO. 53.

TO THE PARK RANGER FORCE:

The following editorial from the Livingston (Montana) Enterprise, for August 29, 1923, is quoted for the information of park rangers:

COURTESY TO TRAVELERS

In an editorial taken from the Watford Guide, a newspaper published by Editor W. S. Graham, of Watford City, North Dakota, credit in full as it is due is accorded to Superintendent Horace M. Albright and to the employes of the Department of the Interior within Yellowstone National Park, for making it easy and comfortable for tourists from all over the United States to visit this playground and be made to feel that they are enjoying a spot that belongs to them without a constant fear of breaking some set rule that will bring them to grief. The editor says:

"If there is a government institution more effectively managed than the Yellowstone National Park, The Guide Editor has yet to hear of it. Most visitors to that great Wonderland will agree with The Guide in that Uncle Sam is to be congratulated on his <sup>choice</sup> ~~pick~~ of a Park Superintendent.

"Although we have just returned from a tour of the Park, we ~~did~~ not meet the Superintendent or even see him. We did, however, have an excellent opportunity to observe his smoothly running organization and to test it at the supposedly weakest place - giving civil answers to foolish questions. We met with nothing but patient courtesy on all sides. Every part of the Park organization from the Park Ranger to the man on the roads with the shovel, was apparently anxious to please and give information.

"Nowhere in the Park did we meet with evidence of dictatorship or the desire on the part of any official to trap someone in the act of breaking some trivial rule. Some of the important rules were undoubtedly violated, willfully or otherwise, but no special red tape is used to annoy and impede the progress of the pleasure-seeking tourists on that account.

"When you stop to consider the thousands of tourists that go through the Park daily, in season, you will agree with us when we say that it requires a man with a clear head and a steady hand to drive a machine that will run as smoothly as that being operated in Yellowstone Park. This splendid machine is one of the wonders of the Park and we take this opportunity to heartily commend the Park superintendent for his efficient handling of it."



The man or woman who has ever tried to serve the public as an executor of as an official or even in the ranks, it is a patent fact that we the public, are apt to be found most critical, and this editorial as found in our list of exchanges is reprinted not only to add our approval of the splendid management of Superintendent Albright in his administration of Park affairs, but as well, in order that he may see and have the satisfaction of knowing that people even so critical as newspaper men are apt to be, appreciate courtesy and executive ability when they see it.

Livingston as a city and the Livingston and Park county people who make up this community, appreciate the ability of Superintendent Albright who has made himself warm friends by the score in the territory in which he labors. We congratulate the Park Superintendent on receiving the high compliment paid to him and to his subordinates by the North Dakota editor.

During no season in the past have we had so many compliments on the courtesy and efficiency of rangers as during the present summer. Coming at a time when the peak of the greatest park season has passed, an editorial statement such as the above should make all of us feel that our hard work has been worth while; that we have accomplished that which we set out to undertake in a manner satisfactory to our greatest critics, the public.

Some of the rangers have at times perhaps felt that the park superintendent and the chief ranger were too insistent on the constant exercise of patience, tact, diplomacy, courtesy and kindness in dealing with the public, and some have even expressed themselves to this effect, but it must be apparent as the season draws to a close that only by the exercise of these traits of character can we make the visitor to the park feel that he is really welcome and assure his having a good time. We who have had long experience in park administration know what has to be done to make a season a success and it is a fact that by following out the instructions given by me to the rangers as they entered on duty in June, the season of 1923 has been by far the most successful season in the park's history.

I want to take this opportunity to express my appreciation of the way the ranger force has functioned. With but three or four exceptions the entire force has given loyal and faithful service, and the work of handling the 125,000 visitors that have so far entered the park has been very satisfactory to myself and other park officials.

The thing to be remembered at present, is to give the same grade of service to our late summer visitors that we have in the past. Let there be no slackening in the interest taken in the public welfare during the closing weeks of the season, in order that every visitor will be impressed by the quality of our service.

HORACE M. ALBRIGHT  
Superintendent



Department of the Interior  
National Park Service  
Yellowstone National Park

1923 COMPARATIVE TRAVEL FIGURES WITH 1922 AND 1921  
SEASON TO AUGUST 31ST, INCLUSIVE

1 9 2 3

ENTRANCE	RAIL (People)			MOTOR			MISC.	
	Total:						People:	
	Hotels	Camps	Rail	Cars	People			T O T A L
North	5930	5585	31516	3205	27104	503		39,125
West	12613	8421	21034	1942	31277	167		42,318
East	3343	3645	6988	7040	23604	335		30,927
South	47	30	77	4031	13518	46		13,641
T o t a l	21933	17679	39612	25216	85343	1056		126,011
#Correction plus 3. *Correction minus 3 on last month's report.								

1 9 2 2

ENTRANCE	RAIL (People)			MOTOR			MISC.	
	Total:						People:	
	Hotels	Camps	Rail	Cars	People			T O T A L
North	4681	4544	9225	4999	17958	332		27,515
West	8989	6721	15710	4666	16705	586		33,001
East	2332	2695	5027	5455	18,490	322		23,839
South			90	1432	5140	82		5,312
T o t a l	16002	13960	30052	16572	58293	1322		89,667

1 9 2 1

ENTRANCE	RAIL (People)			MOTOR			MISC.	
	Total:						People:	
	Hotels	Camps	Rail	Cars	People			T O T A L
North	3550	3420	6970	4563	16349	378		23,697
West	7120	4529	11649	4270	15543	217		27,414
East	1730	2205	3935	4752	16344	201		20,480
South				942	3316	60		3,376
T o t a l	12400	10154	22554	14527	51557	856		74,967

TRAVEL RECORDS BROKEN IN 1923

Greatest day's travel in history of park, 2,859 Aug. 7th; previous year's record 1,983 on July 23, 1922.

In 1923, eighteen days with over 2,000 visitors.

Greatest number of automobiles and passengers entering park on single day 5 cars and 1,623 passengers on July 17th; last year's record 337 cars, 1,181 passengers on Aug. 7th.

Largest number of autos and passengers entering by single gateway, at South July 29th when 177 cars carrying 600 passengers entered. Last year's record 2 cars and 437 passengers at East on Aug. 7th.

Total travel of season 126,011 - Last year 89,667 - Gain 36,344.

SUMMARY OF AUGUST TRAVEL

Total travel for month 52,713 - last year 38,097 - Gain 14,621

Total travel by rail for month 16,463 - Last year 12,517 - Gain 4,152.

Auto & Misc. travel for month 36,249 - Last year 25,780 - Gain 10,469.



STATEMENT SHOWING AUTOMOBILE TRAVEL BY STATES  
YELLOWSTONE NATIONAL PARK - TO AUGUST 31, 1923, INCLUSIVE

NAME OF STATE	North : Cars	: Pass- : engers	West : Cars	: Pass- : engers	East : Cars	: Pass- : engers	South : Cars	: Pass- : engers	Total : Cars	: Pass- : engers
Alabama	5	15	3	9	1	3	4	17	13	44
Arizona	17	40	32	99	14	36	11	17	74	192
Arkansas	10	32	26	101	38	137	31	130	105	400
California	808	3625	845	2474	255	788	186	530	2094	7417
Colorado	144	515	131	457	395	1439	377	1016	1047	3427
Connecticut	15	47	5	13	24	74	13	45	57	179
Delaware										
Dist. of Col.	14	38			3	9	4	11	21	58
Florida	20	53	4	16	24	71	5	16	53	156
Georgia	3	18	2	6	7	22	1	6	13	52
Idaho	124	519	1159	3449	18	61	359	1116	1660	5145
Illinois	387	708	110	350	388	1493	161	540	1046	3091
Indiana	138	556	46	152	164	538	66	195	414	1441
Iowa	321	695	79	270	403	1639	137	534	940	3138
Kansas	85	120	91	364	226	973	251	771	653	2228
Kentucky	15	42	8	30	24	80	5	17	52	169
Louisiana	6	15	10	37	25	104	6	25	47	181
Maine	4	10	3	10	8	25	1	3	16	49
Maryland	7	31	3	10	10	30	6	15	26	86
Massachusetts	40	70	17	48	48	165	21	51	132	334
Michigan	156	529	38	118	195	663	97	306	486	1616
Minnesota	463	973	43	130	138	420	16	68	660	1591
Mississippi	3	8			11	38	15	58	29	104
Missouri	98	154	82	282	233	758	256	850	675	2044
Montana	1944	5775	520	2927	553	1998	34	72	3051	10772
Nebraska	129	437	60	213	401	1932	203	778	793	3360
Nevada	13	21	58	177	11	26	14	40	96	264
New Hampshire	4	18	2	9	5	11	2	9	13	47
New Jersey	19	57	10	33	43	95	21	70	93	255
New Mexico	7	24	5	45	18	54	11	33	41	156
New York	127	478	42	138	150	449	59	236	378	1331
North Carolina	9	42	1	6	6	23	2	8	13	79
North Dakota	256	1012	26	35	162	572	2	8	446	1677
Ohio	241	823	73	232	270	791	162	529	746	2380
Oklahoma	56	192	92	334	175	607	259	850	582	1983
Oregon	230	736	297	1029	48	142	47	163	622	2070
Pennsylvania	127	446	42	142	139	402	40	152	348	1164
Rhode Island	9	21			6	29	2	7	17	57
South Carolina	3	11	1	3	2	6	1	3	7	23
South Dakota	260	879	19	58	242	787	19	57	540	1781
Tennessee	7	24	4	77	16	55	10	35	37	131
Texas	164	511	96	307	152	540	176	760	588	2118
Utah	41	123	133	435	14	30	179	638	1352	5156
Vermont	4	13	1	6	3	9			8	28
Virginia	6	21	7	21			4	12	17	54
Washington	672	3217	527	1123	90	235	53	228	1136	4853
West Virginia	15	60	4	14	7	24	4	16	30	114
Wisconsin	226	900	51	23	185	619	23	78	465	1585
Wyoming	107	544	91	327	711	5630	549	1964	2158	5525
Alpine Is.							1	3	1	3
Alaska			1	4					1	4
Alaska	77	242	20	70	16	55	3	9	116	376
Alaska	1	3	3	10	1	3			5	16
Alaska	1	2							1	2
Govt.	1	5	1	4			2	5	4	14
TOTALS	7645	25361	5683	20258	6784	22755	3911	13146	24023	81520



## DEPARTMENT OF THE INTERIOR.

NATIONAL PARK SERVICE—YELLOWSTONE NATIONAL PARK.

CHIEF RANGER'S MONTHLY TRAVEL REPORT, MONTH OF

1923

	NORTH.		WEST.		EAST.		SOUTH.		ALL TRAIL ENTRANCES.			SUMMARY.	
	Cars.	People.	Cars.	People.	Cars.	People.	Cars.	People.	Horses.	People.	Cars.	People.	
Automobile permits issued	3019	10,238	2445	8790	2531	8,520	1917	6457	—	—	9912	34,005	
Automobile permits issued (complimentary)	9	26	16	24	7	35	1	2	—	—	35	87	
Cars entering second time	193	634	144	566	106	385	74	233	—	—	517	1,818	
Motor-cycle permits issued	7	15	8	7	18	19	13	23	—	—	46	64	
Total	3228	10,913	2613	9387	2664	8959	2005	6715	—	—	10,510	35,974	
Passengers in horse-drawn vehicles		9		1		26		6	—	—		42	
Passengers on horseback		<i>Booth Stages</i> 15		3		10		17		<i>38 Booth 18 Stages</i> 56		76	
Passengers on bicycles												<i>Booth Stages</i> 15	
Passengers on foot		37		44		51		18				142	
Total incoming passengers with private transportation	3228	10,974	2613	9435	2664	9046	2005	6738		56	10,510	36,249	
WITH HIRED TRANSPORTATION.													
Yellowstone Park Transportation Co													
Total incoming passengers with hired transportation		4,802		8604		3042		21				16,469	
TOTAL INCOMING PASSENGERS	3228	15,776	2613	18,039	2664	12,088	2005	6759		56	10,510	52,718	

Total automobiles in public camping grounds

Total passengers Cooke City stage

SEASON TOTAL, END OF LAST MONTH

### Total automobile campers in public camping grounds

### Total visitors Cave Falls—Bechler River Region

SEASON TOTAL TO DATE

25,216 126,011



U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

MONTHLY METEOROLOGICAL SUMMARY.

Station, YELLOWSTONE PARK, WYO.; month, AUGUST, 1923., 1923.

TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of day.	Sun-shine per-cent-age.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
Max.	Min.	Mean.				Mean	lowest
68	42	55	0	Clear	88	30.02	29.66
74	42	58	0	PtCldy	54	30.44	
74	41	58	T	PtCldy	72		
74	37	56	0	Clear	99		
69	43	56	0	PtCldy	71		
70	41	56	.04	PtCldy	48		
71	37	54	0	PtCldy	62		
74	41	58	0	Clear	89		
79	40	60	0	PtCldy	84		
80	44	62	0	Clear	100		
83	43	63	0	PtCldy	84		
85	46	66	0	Clear	99		
88	45	66	0	Clear	86		
68	50	59	.05	Cloudy	8		
67	48	58	0	Cloudy	16		
76	41	58	0	Clear	99		
83	39	61	0	Clear	100		
82	45	64	0	PtCldy	69		
73	51	62	.09	Cloudy	21		
61	48	54	.03	Cloudy	0		
70	45	58	0	PtCldy	71		
71	41	56	.12	PtCldy	57		
73	45	59	.01	PtCldy	47		
78	45	62	.07	PtCldy	68		
72	45	58	.22	Cloudy	31		
62	33	50	.03	PtCldy	41		
69	38	54	0	Clear	89		
72	39	56	.02	PtCldy	72		
76	38	57	0	PtCldy	78		
71	44	58	T	PtCldy	60		
72	43	58	.02	PtCldy	60		
73.7	42.7	58.2	0.70		65		

TEMPERATURE.  
(Reduced to sea level; inches and hundredths.)

Mean 30.02; highest 30.44, date 17  
lowest 29.66, date 4

TEMPERATURE.

Highest 88, date 13; lowest 37, date 4  
Greatest daily range 45, date 13  
Least daily range 13, date 20

Mean for this month in

1871	80	89	64	98	63	07	56	16	58
1872	81	90	61	99	57	08	57	17	59
1873	82	91	62	00	61	09	63	18	57
1874	83	92	61	01	63	10	57	19	61
1875	84	93	--	02	59	11	56	20	59
1876	85	94	68	03	61	12	56	21	60
1877	86	95	62	04	60	13	61	22	63
1878	87	96	61	05	62	14	59	23	58
1879	88	97	62	06	59	15	61	24	

Normal for this month 60.9  
Absolute maximum for this month for 27 years 93  
Absolute minimum for this month for 36 years 23  
Average daily excess (+) or deficiency (-) of this month as compared with the normal -2.7  
Accumulated excess (+) or deficiency (-) since January 1 -563  
Average daily excess (+) or deficiency (-) since January 1 -1.5

PRECIPITATION.

Total this month 0.70; snowfall 0  
Greatest precipitation in 24 hours 0.24, date 25-26  
Snow on the ground at end of month 0

Total precipitation this month in

1871	80	89	0.64	98	2.05	07	0.90	16	0.70
1872	81	90	1.77	99	2.23	08	3.42	17	0.17
1873	82	91	1.22	00	0.29	09	0.70	18	0.86
1874	83	92	0.64	01	1.65	10	0.52	19	0.40
1875	84	93	1.06	02	0.61	11	0.66	20	0.87
1876	85	94	1.75	03	0.45	12	1.66	21	1.03
1877	86	95	0.72	04	1.11	13	1.58	22	1.60
1878	87	96	0.37	05	0.32	14	0.20	23	0.70
1879	88	97	0.57	06	1.47	15	1.53	24	

Normal for this month 1.02  
Excess (+) or deficiency (-) of this month as compared with the normal -0.32  
Accumulated excess (+) or deficiency (-) since January 1 -3.04

MEAN RELATIVE HUMIDITY (Percentage).

6 a. m., 82; Noon, 45; 6 p. m., 48

WIND.

Prevailing direction South; total movement 4403 miles;  
average hourly velocity 5.9; maximum velocity (for five minutes) 34 miles per hour, from South on 9

WEATHER.

Number of days, clear 9; partly cloudy 17; cloudy 5;  
on which .01 inch, or more, of precipitation occurred 11

MISCELLANEOUS PHENOMENA (dates of).

Auroras 0; halos: solar 0, lunar 0  
Hail 22, 25; sleet 0; fog 0  
Thunderstorms 7, 19, 22, 23, 24, 25, 26, 28, 30, 31  
Frost: light 4; heavy 0; killing 0